

REMARKS

Reconsideration of the application is requested.

Claims 1, 6-10, 13, 15 and 19-25 are now in the application.

Claims 1, 6-10, 13, 15 and 19-25 are subject to examination.

Claims 1, 15 and 19 have been amended. Claims 2-5, 11-12, 14, 16-18 and 26 have been canceled to facilitate prosecution of the instant application.

Under the heading "Claim Objections" on page 2 of the above-identified Office Action, the Examiner objected to the recitation of "digital signal" and suggested the term "K digital signals". The term K digital signals is believed to be incorrect, but we believe we have addressed the Examiner's concerns by amending the claims to recite a "respective one of the K digital signals".

In addition, the Examiner objects to claim 26 as being a duplicative claim. Claim 26 has been deleted and the rejection is now moot.

Under the heading "Claim Rejections - 35 USC § 112" on page 3 of the above-identified Office Action, claims 1, 6-10, 13 and 15 have been rejected under 35 U.S.C. § 112, first paragraph.

More specifically there seems to be contention over the interpretation of the phrase:

a multiplexer for multiplexing the K digital signals resulting in K multiplexed signals;

as recited in claims 1 and 15. The Examiner appears to be stating that since the multiplexer can output K multiplexed signals it must have K outputs. As the Examiner points out, the multiplexer does not have K outputs. Claims 1 and 15 have been amended in view the Examiner objections.

In the event the Examiner should still find any of the claims to be unpatentable, counsel would appreciate receiving a telephone call so that, if possible, patentable language can be worked out.

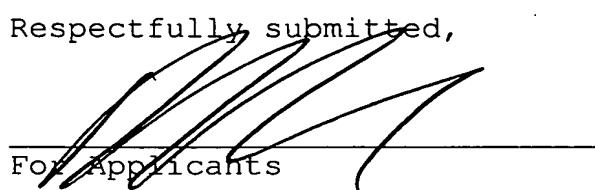
In view of the foregoing, reconsideration and allowance of claims 1, 6-10, 13, 15 and 19-25 are solicited.

If an extension of time is required, petition for extension is herewith made. Any extension fee associated therewith should be charged to the Deposit Account of Lerner and Greenberg, P.A., No. 12-1099.

Appl. No. 10/008,774
Amdt. Dated November 9, 2005
Reply to Office Action of August 18, 2005

Please charge any other fees that might be due with respect to Sections 1.16 and 1.17 to the Deposit Account of Lerner and Greenberg, P.A., No. 12-1099.

Respectfully submitted,



For Applicants

REL:cgm

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